

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for selecting a new cell for a station in a cellular telecommunications system, said station being associated with a current cell, said method comprising the steps of:

measuring at the station the strength of a communication from ~~said~~ the current cell;

measuring at the station the strength of a communication from at least one other cell;

decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

modifying the measured ~~result of the measuring step in which the~~ strength of the communication from the at least one of the cell and the at least one other cell ~~and/or the current cell in dependence on the obtained offset information is measured to take into account a condition of said current and/or said at least one other cell if the measured strength of the communication from the current cell and/or the measured strength of the communication from the at least one other cell satisfy a predetermined condition;~~

~~if the modifying step is performed,~~ comparing the measured strength of ~~said~~ the communication from the current cell and the measured strength of the communication from the at least one other cell after the step of modifying, ~~at least one of the measured strengths being modified in the modifying step;~~ and

depending of the results of said step of comparing ~~the comparison,~~ changing the current cell with which the station is associated, wherein the current cell is changed only if for a predetermined time period the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell.

2. (currently amended) A method as claimed in claim 1, wherein in said modifying step, a value is added to the ~~result of the measuring step in which the~~ measured strength of a the communication from the at least one other cell ~~is measured~~.

3. (currently amended) A method as claimed in claim 1, wherein in said modifying step, a function is applied to ~~the result of the measuring step in which the~~ measured strength of a the communication from the at least one other cell ~~is measured~~.

4. (currently amended) A method as claimed in claim 1 ~~164~~, wherein ~~said~~ the predetermined condition is that the measured strength of the communication from the at least one other cell is greater than a threshold.

5. (currently amended) A method as claimed in claimed in claim 4, wherein ~~said~~ the threshold is defined relative to the measured strength of the communication from the current cell.

6. (currently amended) A method as claimed in claim 4, wherein information defining ~~said~~ the threshold is included in the communication from the current cell.

7. (currently amended) A method as claimed in claim 1, wherein the offset ~~modifying~~ information as to how the measured strength of ~~the~~ a communication from ~~the~~ a neighbouring cell is to be modified is in the communication from the at least one other cell.

8. (currently amended) A method as claimed in claim 7, wherein the station is provided with timing information defining when the station should next check for ~~said~~ the offset ~~modifying~~ information.

9. (currently amended) A method as claimed in claim 8, wherein ~~said~~ the timing information is in the communication from the neighbouring cell.

10. (canceled)

11. (currently amended) A method as claimed in claim ~~10~~ 1, wherein information defining the predetermined period of time is in the communication from ~~said~~ the current cell.

12. (currently amended) A method as claimed in claim 1, wherein a value is added to the measured strength of the communication from the current cell prior to ~~the~~ said step of comparing ~~step~~.

13. (currently amended) A method as claimed in claim 12, wherein if the current cell is changed in said step of changing from an old current cell to a new current cell, ~~said~~ the value is no longer added to the measured strength of the communication from the old current cell and a value is added to the measured strength of the communication from the new current cell.

14. (currently amended) A method as claimed in claim 1, wherein said communication from at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

15. (currently amended) A method as claimed in claim 1, wherein ~~said~~ the station has ~~only~~ at least one or more common ~~channels~~ channel in ~~said~~ the current cell.

16. (currently amended) A method as claimed in claim 1, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

17. (original) A method as claimed in claim 1, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

18. (currently amended) A method as claimed in claim 1, wherein ~~said~~ the station is a mobile terminal.

19. (currently amended) A method as claimed in claim 1, wherein ~~said~~ the telecommunication system is a code division multiple access system.

20. (currently amended) A method as claimed in claim 1, wherein ~~said~~ the telecommunication system is a time division multiple access system.

21. (currently amended) A method as claimed in claim 19, wherein ~~said~~ the telecommunication system is a code division/time division multiple access hybrid.

22. (currently amended) A station for use in a cellular telecommunications system, said station being associated with a current cell, said station comprising:

means for measuring the received strength of a communication from ~~said~~ the current cell;

means for measuring the received strength of a communication from at least one other cell;

means for decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

means for modifying the measured ~~received~~ strength of the communication from the at least one of the current cell and the at least one other cell ~~to take into account a condition of said current and/or said at least one other cell if the measured strength of the communication from the current cell and/or the measured strength of the communication from the at least one other cell satisfy a predetermined condition~~ in dependence on the obtained offset information;

means for comparing ~~if the modification means modifies~~ the measured ~~received~~ strength of the communication from the at least one other cell, ~~the modified result with~~ and the measured received strength of ~~[[a]]~~ the communication from the current cell, at least one of the measured strengths having been modified by the means for modifying; and

means for ~~causing~~ changing, depending of the results of the comparison performed by the comparing means, the current cell with which the station is associated, wherein the current cell is changed only if for a predetermined time period the measured strength of the communication for the at least one other cell exceeds the measured strength of the

communication from the current cell, at least one of the measured strengths having been modified by the means for modifying to be changed.

23. (original) A cellular telecommunications network comprising:
at least one station as claimed in claim 22, and at least one other station, said at least one other station requiring a different procedure in order to determine if a new current cell is required.

24. (original) A network as claimed in claim 23, wherein the signalling sent by said network to said at least one station and to said at least one other station is dependent on the procedure required by the respective stations to determine if a new current cell is required.

25.-28. (canceled)

29. (currently amended) A method for changing at least one current cell, in a cellular telecommunications network, with which a station is associated, said method comprising the steps of:

measuring at the station the strength of a communication from said at least one current cell;

measuring at the station the strength of a communication from at least one other cell;

~~modifying the result of the measuring step in which the strength of the communication from at least one other cell and/or the at least one current cell is measured to take into account a condition of said at least one current and/or said at least one other cell if the measured strength of the communication from the current cell and/or the measured strength of the communication from the at least one other cell satisfy a predetermined condition,~~

~~if the modifying step is performed, comparing the measured strength of the communication from the at least one current cell and the measured strength of a communication from the at least one other cell, at least one of said measured strengths being modified in the modifying step, and~~

~~depending on the results of the comparison, changing the at least one current cell with which the station is associated~~

decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information;

modifying the measured strength of the communication from the at least of the current cell and the at least one other cell in dependence on the obtained offset information;

comparing the measured strength of the communication from the current cell and the measured strength of the communication from the at least one other cell, after the sept of modifying; and

depending of the results of said step of comparing, changing the current cell with which the station is associated, wherein the current cell is changed only if for a predetermined time period the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell.

30. (canceled)

31. (currently amended) A method as claimed in claim 3, wherein said the predetermined condition is that the measured strength of the communication from the at least one other cell is greater than a threshold.

32. (currently amended) A method as claimed in claim 6, wherein information defining said the threshold is included in the communication from the current cell.

33. (currently amended) A method as claimed in claim 2, wherein offset ~~modifying~~ information as to how the measured strength of ~~the~~ a communication from ~~the~~ a neighbouring cell is to be modified is in the communication from the at least one other cell.

34. (currently amended) A method as claimed in claim 3, wherein offset ~~modifying~~ information as to how the measured strength of ~~the~~ a communication from ~~the~~ a neighbouring cell is to be modified is in the communication from the at least one other cell.

35. (currently amended) A method as claimed in claim 4, wherein offset ~~modifying~~ information as to how the measured strength of ~~the~~ a communication from ~~the~~ a neighbouring cell is to be modified is in the communication from the at least one other cell.

36. (currently amended) A method as claimed in claim 5, wherein offset ~~modifying~~ information as to how the measured strength of ~~the~~ a communication from ~~the~~ a neighbouring cell is to be modified is in the communication from the at least one other cell.

37. (currently amended) A method as claimed in claim 6, wherein offset ~~modifying~~ information as to how the measured strength of ~~the~~ a communication from ~~the~~ a neighbouring cell is to be modified is in the communication from the at least one other cell.

38.-45. (canceled)

46. (original) A method as claimed in claim 2, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

47. (original) A method as claimed in claim 3, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

48. (original) A method as claimed in claim 4, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

49. (original) A method as claimed in claim 5, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

50. (original) A method as claimed in claim 6, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

51. (original) A method as claimed in claim 7, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

52. (original) A method as claimed in claim 8, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

53. (original) A method as claimed in claim 9, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

54. (currently amended) A method as claimed in claim 10 ~~164~~, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

55. (original) A method as claimed in claim 11, wherein a value is added to the measured strength of the communication from the current cell prior to the comparing step.

56. (currently amended) A method as claimed in claim 2, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

57. (currently amended) A method as claimed in claim 3, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

58. (currently amended) A method as claimed in claim 4, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

59. (currently amended) A method as claimed in claim 5, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

60. (currently amended) A method as claimed in claim 6, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

61. (currently amended) A method as claimed in claim 7, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

62. (currently amended) A method as claimed in claim 8, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

63. (currently amended) A method as claimed in claim 9, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

64. (currently amended) A method as claimed in claim 10 ~~164~~, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

65. (currently amended) A method as claimed in claim 11, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

66. (currently amended) A method as claimed in claim 12, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

67. (currently amended) A method as claimed in claim 13, wherein ~~said~~ the communication from the at least one of ~~said~~ the current cell and the at least one other cell comprises the broadcast control channel.

68. (currently amended) A method as claimed in claim 2, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

69. (currently amended) A method as claimed in claim 3, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

70. (currently amended) A method as claimed in claim 4, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

71. (currently amended) A method as claimed in claim 5, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

72. (currently amended) A method as claimed in claim 6, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

73. (currently amended) A method as claimed in claim 7, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

74. (currently amended) A method as claimed in claim 8, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

75. (currently amended) A method as claimed in claim 9, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

76. (currently amended) A method as claimed in claim 10 ~~164~~, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

77. (currently amended) A method as claimed in claim 11, wherein ~~said~~ the station has at least one ~~only one or more~~ common channels channel in ~~said~~ the current cell.

78. (currently amended) A method as claimed in claim 12, wherein ~~said~~ the station has at least one ~~only one or more~~ common ~~channels~~ channel in ~~said~~ the current cell.

79. (currently amended) A method as claimed in claim 13, wherein ~~said~~ the station has at least one ~~only one or more~~ common ~~channels~~ channel in ~~said~~ the current cell.

80. (currently amended) A method as claimed in claim 14, wherein ~~said~~ the station has only at least one ~~only one or more~~ common ~~channels~~ channel in ~~said~~ the current cell.

81. (currently amended) A method as claimed in claim 2, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

82. (currently amended) A method as claimed in claim 3, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

83. (currently amended) A method as claimed in claim 4, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

84. (currently amended) A method as claimed in claim 5, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

85. (currently amended) A method as claimed in claim 6, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

86. (currently amended) A method as claimed in claim 7, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

87. (currently amended) A method as claimed in claim 8, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

88. (currently amended) A method as claimed in claim 9, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

89. (currently amended) A method as claimed in claim ~~10~~ 164, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

90. (currently amended) A method as claimed in claim 11, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

91. (currently amended) A method as claimed in claim 12, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

92. (currently amended) A method as claimed in claim 13, wherein ~~said~~ the station has at least one dedicated channel in said current cell.

93. (currently amended) A method as claimed in claim 14, wherein ~~said~~ the station has at least one dedicated channel in ~~said~~ the current cell.

94. (original) A method as claimed in claim 2, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

95. (original) A method as claimed in claim 3, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

96. (original) A method as claimed in claim 4, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

97. (original) A method as claimed in claim 5, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

98. (original) A method as claimed in claim 6, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

99. (original) A method as claimed in claim 7, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

100. (original) A method as claimed in claim 8, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

101. (original) A method as claimed in claim 9, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

102. (currently amended) A method as claimed in claim ~~10~~ 164, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

103. (original) A method as claimed in claim 11, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

104. (original) A method as claimed in claim 12, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

105. (original) A method as claimed in claim 13, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

106. (original) A method as claimed in claim 14, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

107. (original) A method as claimed in claim 15, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

108. (original) A method as claimed in claim 16, wherein the station is arranged to use the same frequency in the current cell and the at least one other cell.

109. (currently amended) A method as claimed in claim 2, wherein ~~said~~ the station is a mobile terminal.

110. (currently amended) A method as claimed in claim 3, wherein ~~said~~ the station is a mobile terminal.

111. (currently amended) A method as claimed in claim 4, wherein ~~said~~ the station is a mobile terminal.

112. (currently amended) A method as claimed in claim 5, wherein ~~said~~ the station is a mobile terminal.

113. (currently amended) A method as claimed in claim 6, wherein ~~said~~ the station is a mobile terminal.

114. (currently amended) A method as claimed in claim 7, wherein ~~said~~ the station is a mobile terminal.

115. (currently amended) A method as claimed in claim 8, wherein ~~said~~ the station is a mobile terminal.

116. (currently amended) A method as claimed in claim 9, wherein ~~said~~ the station is a mobile terminal.

117. (currently amended) A method as claimed in claim 10 ~~164~~, wherein ~~said~~ the station is a mobile terminal.

118. (currently amended) A method as claimed in claim 11, wherein ~~said~~ the station is a mobile terminal.

119. (currently amended) A method as claimed in claim 12, wherein ~~said~~ the station is a mobile terminal.

120. (currently amended) A method as claimed in claim 13, wherein ~~said~~ the station is a mobile terminal.

121. (currently amended) A method as claimed in claim 14, wherein ~~said~~ the station is a mobile terminal.

122. (currently amended) A method as claimed in claim 15, wherein ~~said~~ the station is a mobile terminal.

123. (currently amended) A method as claimed in claim 16, wherein ~~said~~ the station is a mobile terminal.

124. (currently amended) A method as claimed in claim 17, wherein ~~said~~ the station is a mobile terminal.

125. (currently amended) A method as claimed in claim 2, wherein ~~said~~ the telecommunication system is a code division multiple access system.

126. (currently amended) A method as claimed in claim 3, wherein ~~said~~ the telecommunication system is a code division multiple access system.

127. (currently amended) A method as claimed in claim 4, wherein ~~said~~ the telecommunication system is a code division multiple access system.

128. (currently amended) A method as claimed in claim 5, wherein ~~said~~ the telecommunication system is a code division multiple access system.

129. (currently amended) A method as claimed in claim 6, wherein ~~said~~ the telecommunication system is a code division multiple access system.

130. (currently amended) A method as claimed in claim 7, wherein ~~said~~ the telecommunication system is a code division multiple access system.

131. (currently amended) A method as claimed in claim 8, wherein ~~said~~ the telecommunication system is a code division multiple access system.

132. (currently amended) A method as claimed in claim 9, wherein ~~said~~ the telecommunication system is a code division multiple access system.

133. (currently amended) A method as claimed in claim 10 ~~164~~, wherein ~~said~~ the telecommunication system is a code division multiple access system.

134. (currently amended) A method as claimed in claim 11, wherein ~~said~~ the telecommunication system is a code division multiple access system.

135. (currently amended) A method as claimed in claim 12, wherein ~~said~~ the telecommunication system is a code division multiple access system.

136. (currently amended) A method as claimed in claim 13, wherein ~~said~~ the telecommunication system is a code division multiple access system.

137. (currently amended) A method as claimed in claim 14, wherein ~~said~~ the telecommunication system is a code division multiple access system.

138. (currently amended) A method as claimed in claim 15, wherein ~~said~~ the telecommunication system is a code division multiple access system.

139. (currently amended) A method as claimed in claim 16, wherein ~~said~~ the telecommunication system is a code division multiple access system.

140. (currently amended) A method as claimed in claim 17, wherein ~~said~~ the telecommunication system is a code division multiple access system.

141. (currently amended) A method as claimed in claim 18, wherein ~~said~~ the telecommunication system is a code division multiple access system.

142. (currently amended) A method as claimed in claim 2, wherein ~~said~~ the telecommunication system is a time division multiple access system.

143. (currently amended) A method as claimed in claim 3, wherein ~~said~~ the telecommunication system is a time division multiple access system.

144. (currently amended) A method as claimed in claim 4, wherein ~~said~~ the telecommunication system is a time division multiple access system.

145. (currently amended) A method as claimed in claim 5, wherein ~~said~~ the telecommunication system is a time division multiple access system.

146. (currently amended) A method as claimed in claim 6, wherein ~~said~~ the telecommunication system is a time division multiple access system.

147. (currently amended) A method as claimed in claim 7, wherein ~~said~~ the telecommunication system is a time division multiple access system.

148. (currently amended) A method as claimed in claim 8, wherein ~~said~~ the telecommunication system is a time division multiple access system.

149. (currently amended) A method as claimed in claim 9, wherein ~~said~~ the telecommunication system is a time division multiple access system.

150. (currently amended) A method as claimed in claim ~~10~~ 164, wherein ~~said~~ the telecommunication system is a time division multiple access system.

151. (currently amended) A method as claimed in claim 11, wherein ~~said~~ the telecommunication system is a time division multiple access system.

152. (currently amended) A method as claimed in claim 12, wherein ~~said~~ the telecommunication system is a time division multiple access system.

153. (currently amended) A method as claimed in claim 13, wherein ~~said~~ the telecommunication system is a time division multiple access system.

154. (currently amended) A method as claimed in claim 14, wherein ~~said~~ the telecommunication system is a time division multiple access system.

155. (currently amended) A method as claimed in claim 15, wherein ~~said~~ the telecommunication system is a time division multiple access system.

156. (currently amended) A method as claimed in claim 16, wherein ~~said~~ the telecommunication system is a time division multiple access system.

157. (currently amended) A method as claimed in claim 17, wherein ~~said~~ the telecommunication system is a time division multiple access system.

158. (currently amended) A method as claimed in claim 18, wherein ~~said~~ the telecommunication system is a time division multiple access system.

159. (currently amended) A method as claimed in claim 19, wherein ~~said~~ the telecommunication system is a time division multiple access system.

160. (currently amended) A method as claimed in claim 20, wherein ~~said~~ the telecommunication system is a code division/time division multiple access hybrid.

161.-162. (canceled)

163. (new) A cellular telecommunications system comprising a station and a network element, said station being associated with a current cell, said station comprising:
means for measuring the received strength of a communication from the current cell;

means for measuring the received strength of a communication from at least one other cell;

means for decoding a communication from at least one of the current cell and the at least one other cell to obtain offset information

means for modifying the measured strength of the communication from the at least one of the current cell and the at least one other cell in dependence on the obtained offset information;

means for comparing the measured strength of the communication from the at least one other cell and the measured received strength of the communication from the current cell, at least one of the measured strengths having been modified by the means for modifying;

means for changing, depending of the results of the comparison performed by the means for comparing, the current cell with which the station is associated, wherein the current cell is changed only if for a predetermined time period the measured strength of the communication from the at least one other cell exceeds the measured strength of the communication from the current cell, at least one of the measured strengths having been modified by the modifying means; and

a network element for sending communications to the station, said network element being arranged to send offset information to the station, the offset information being used by the station to modify measurements of the strength of communications from at least one other cell.

164. (new) A method as claimed in claim 1, wherein the step of decoding a communication is dependent upon the measured strength of the communication satisfying a predetermined condition.